

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2004/052116

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H05K13/02 H05K13/04

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 H05K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2002/194729 A1 (KURIBAYASHI TAKESHI ET AL) 26 December 2002 (2002-12-26) the whole document -----	1,3,4, 13,14 2,5-9,12
A		

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

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- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
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"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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Date of the actual completion of the International search 21 June 2005	Date of mailing of the International search report 29/06/2005
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax (+31-70) 340-3016	Authorized officer Rieutort, A

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Information on patent family members

International Application No

PCT/EP2004/052116

Patent document cited in search report	Publication date	Patent family member(s)		Publication date
US 2002194729	A1 26-12-2002	CN	1240568 A ,C	05-01-2000
		EP	0948250 A1	06-10-1999
		WO	9826641 A1	18-06-1998
		US	6429387 B1	06-08-2002
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